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TITLE: IMAGE FORMING APPARATUS

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**ABSTRACT:**

PROBLEM TO BE SOLVED: To execute correction of pixel variation with respect to a recording element array as needed at such time as a photographic paper is replaced.

SOLUTION: When a recording medium newly replaced corresponding to a detection signal indicative of a containing means 3 that contains the recording medium is different from that heretofore used, a control means 7 generates a test pattern and a density sensor 51 reads a visible image of the test pattern, then correction of a correction value is executed. As a result, when the recording medium is replaced, the correction value is corrected so as to be in conformity with the recording medium. When it is replaced with the same type of the recording medium, the correction value is not corrected. As a result, it is possible to achieve an image forming apparatus capable of executing correction of pixel variation with respect to a recording element array on an as needed basis.